

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 14 | ((("20020055705") or ("20020183682") or ("20030026784") or ("20030045830") or ("20060015146") or ("5,387,419") or ("5,944,710"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 13:04 |
| S3 | 3 | ("2003204206").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 13:06 |
| S4 | 2 | padua-rodolfo-a.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 13:06 |
| S5 | 8 | ((("20030204206") or ("20030040777") or ("20020072785") or ("20020049154"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 13:08 |
| S6 | 25 | ((("2002072785") or ("2004080533") or ("9925385") or ("9802150") or ("2004093969"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 13:09 |
| S7 | 11 | ((("9815317") or ("9904851") or ("9936563"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 13:21 |
| S8 | 21 | ((("4003379") or ("0228470") or ("2003032998") or ("2003009145") or ("9939624") or ("6155267") or ("6224566"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 13:31 |
| S9 | 2 | ("6463323").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 13:23 |

EAST Search History

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|-----|----|--|---|----|-----|------------------|
| S10 | 62 | ((("20020049154") or ("20030082148") or ("20030104568") or ("20030211130") or ("20040018174") or ("20040087019") or ("20040161421") or ("20040253209") or ("20050013870") or ("20050025752") or ("20050112759") or ("20050283197") or ("5,507,724") or ("5,704,908") or ("5,807,306") or ("5,834,029") or ("5,968,006") or ("6,132,419") or ("6,151,525") or ("6,156,572") or ("6,428,802") or ("6,490,482") or ("6,592,623") or ("6,654,636") or ("6,662,044") or ("6,671,558") or ("6,678,556") or ("6,690,970") or ("6,697,669") or ("6,775,569") or ("6,775,574") or ("6,902,522"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 13:35 |
| S11 | 37 | S10 and (cardiac or heart) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 13:36 |
| S12 | 22 | S11 and gene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:03 |

EAST Search History

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|-----|----|--|---|----|-----|------------------|
| S16 | 79 | ((("20010000802") or ("20010016193") or ("20010051148") or ("20010055590") or ("20020001577") or ("20020012657") or ("20020022259") or ("20020031501") or ("20020031827") or ("20020032468") or ("20020048800") or ("20020055530") or ("20020065243") or ("20020072785") or ("20020077311") or ("20020098167") or ("20020099026") or ("20020110910") or ("20020115208") or ("20020124855") or ("20020124855") or ("20020127210") or ("20020133198") or ("20020142457") or ("20020147172") or ("20020172663") or ("20020183720") or ("20030004403") or ("20030040777") or ("20030044802") or ("20030059463") or ("20030060854") or ("20030065379") or ("20030073235") or ("20030087867") or ("20030113303") or ("20030125615") or ("20030129750") or ("20030130581") or ("20030148968"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 14:06 |
| S17 | 2 | S16 and (gene with electromagnetic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 17:25 |
| S18 | 20 | S16 and (gene with (cardiac or heart)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:17 |
| S19 | 11 | S16 and (gene with regulatory) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:17 |
| S20 | 7 | S18 and S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:10 |
| S21 | 2 | ("20010031919").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 14:10 |

EAST Search History

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|-----|----|---|---|----|-----|------------------|
| S22 | 1 | ("2001/0031919").URPN. | USPAT | OR | ON | 2006/03/23 14:10 |
| S23 | 87 | ((("20030171723") or ("20030195470") or ("20030204206") or ("20030216811") or ("20030216812") or ("20040002739") or ("20040006395") or ("20040038400") or ("20040043006") or ("20040047909") or ("20040048286") or ("20040098075") or ("20040131601") or ("20040132184") or ("20040133247") or ("20040158289") or ("20040158290") or ("20040213770") or ("20040214182") or ("20040215251") or ("20050005923") or ("20050008628") or ("20050010492") or ("20050021091") or ("20050043675") or ("20050059153") or ("20050059999") or ("20050096701") or ("20050118144") or ("20050130136") or ("20050137626") or ("20050137671") or ("20050149136") or ("20050197674") or ("3,692,027") or ("4,003,379") or ("4,146,029") or ("4,281,664") or ("4,299,220") or ("4,544,371") or ("4,556,063") or ("4,686,987") or ("4,871,351"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 14:15 |
| S24 | 2 | S23 and (gene with electromagnetic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:31 |
| S25 | 12 | S23 and (gene with (cardiac or heart)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:31 |
| S26 | 12 | S23 and (gene with regulatory) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:31 |
| S27 | 9 | S25 and S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:28 |

EAST Search History

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|-----|----|---|---|----|-----|------------------|
| S28 | 86 | ((("4,897,987") or ("4,902,508") or ("4,924,875") or ("4,944,299") or ("4,987,897") or ("5014698") or ("5,040,533") or ("5041107") or ("5,042,497") or ("5,058,581") or ("5,087,243") or ("5,127,404") or ("5,179,947") or ("5,190,035") or ("5,220,917") or ("5,251,621") or ("5,259,380") or ("5,269,301") or ("5,275,826") or ("5,284,136") or ("5,305,745") or ("5,336,252") or ("5,342,408") or ("5,352,463") or ("5,353,800") or ("5,368,028") or ("5,404,877") or ("5,416,695") or ("5,435,999") or ("5,456,692") or ("5,460,605") or ("5,496,360") or ("5,499,971") or ("5,538,722") or ("5,551,953") or ("5,554,389") or ("5,556,421") or ("5,562,713") or ("5,571,151") or ("5,579,876") or ("5,586,556") or ("5,603,331") or ("5,607,418"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 14:31 |
| S29 | 0 | S28 and (gene with electromagnetic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:35 |
| S30 | 0 | S28 and (gene with (cardiac or heart)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:35 |
| S31 | 1 | S28 and (gene with regulatory) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:35 |
| S32 | 64 | S28 and (cardiac or heart) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:34 |

EAST Search History

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|-----|----|---|---|----|-----|------------------|
| S33 | 83 | ((("5,609,629") or ("5,634,899") or ("5,662,689") or ("5,681,735") or ("5,690,682") or ("5,693,075") or ("5,703,125") or ("5,720,770") or ("5,730,125") or ("5,733,727") or ("5,800,498") or ("5,817,131") or ("5,824,049") or ("5,833,603") or ("5,833,978") or ("5,836,935") or ("5,885,797") or ("5,893,881") or ("5,899,928") or ("5,914,242") or ("5,925,066") or ("5,928,943") or ("5,945,577") or ("5,949,659") or ("5,967,986") or ("5,991,668") or ("6,016,447") or ("6,016,448") or ("6,050,980") or ("6,059,726") or ("6,096,347") or ("6,099,832") or ("6,100,242") or ("6,108,577") or ("6,115,636") or ("6,128,526") or ("6,135,976") or ("6,140,740") or ("6,154,675") or ("6,155,267") or ("6,165,164") or ("6,168,801") or ("6,174,871"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 14:34 |
| S34 | 0 | S33 and (gene with electromagnetic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:38 |
| S35 | 8 | S33 and (gene with (cardiac or heart)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:39 |
| S36 | 6 | S33 and (gene with regulatory) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:40 |
| S37 | 3 | S33 and (gene with field) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:37 |

EAST Search History

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|-----|----|---|---|----|-----|------------------|
| S38 | 81 | ((("6,198,394") or ("6,200,265") or ("6,203,495") or ("6,206,914") or ("6,207,451") or ("6,213,942") or ("6,221,011") or ("6,224,566") or ("6,231,516") or ("6,235,970") or ("6,237,398") or ("6,254,573") or ("6,256,233") or ("6,261,230") or ("6,270,457") or ("6,277,072") or ("6,277,078") or ("6,280,380") or ("6,284,242") or ("6,287,285") or ("6,298,272") or ("6,306,830") or ("6,309,370") or ("6,312,378") or ("6,316,419") or ("6,331,160") or ("6,336,903") or ("6,358,202") or ("6,358,103") or ("6,361,522") or ("6,361,780") or ("6,368,284") or ("6,387,369") or ("6,398,728") or ("6,399,300") or ("6,410,236") or ("6,411,840") or ("6,424,847") or ("6,436,907") or ("6,440,066") or ("6,443,949") or ("6,451,594") or ("6,453,195"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 14:38 |
| S39 | 0 | S38 and (gene with electromagnetic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:38 |
| S40 | 16 | S38 and (gene with (cardiac or heart)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:43 |
| S41 | 4 | S38 and (gene with regulatory) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:40 |
| S42 | 21 | (S33 or S38) and (gene with delivery) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:42 |

EAST Search History

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|-----|-----|---|---|----|-----|------------------|
| S43 | 54 | ((("6,459,917") or ("6,459,929") or ("6,468,263") or ("6,475,232") or ("6,478,737") or ("6,501,983") or ("6,511,477") or ("6,518,245") or ("6,540,725") or ("6,541,116") or ("6,575,931") or ("6,623,473") or ("6,623,474") or ("6,628,987") or ("6,653,291") or ("6,656,517") or ("6,689,117") or ("6,702,777") or ("6,733,996") or ("6,735,471") or ("6,759,236") or ("6,801,805") or ("6,810,286") or ("6,855,124") or ("6,875,206") or ("6,905,476") or ("6,919,207"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 14:42 |
| S44 | 6 | S43 and (gene with (cardiac or heart)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 14:43 |
| S45 | 2 | ("20010031919").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 17:01 |
| S46 | 18 | ((("20010031919") or ("20030032998") or ("20030009145") or ("6155267") or ("6224566") or ("9939624") or ("0228470") or ("4003379"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 17:04 |
| S47 | 8 | ("6306125" "6413536" "6478776" "6511477").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 17:05 |
| S48 | 2 | ("6463323").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 17:05 |
| S49 | 17 | ("3745995" "3890953" "3915151" "4266532" "5334222" "5401233" "5433735" "5450859" "5544665" "5566685" "5634899" "5800528" "5855570" "5968527" "6200259").PN. OR ("6463323").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 17:25 |
| S50 | 230 | ("607"/\$.ccls.) and angiogenesis | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 17:45 |

EAST Search History

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| S51 | 14 | S50 and (gene with electromagnetic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 17:50 |
| S52 | 6 | S50 and resynchronization | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 17:27 |
| S53 | 213 | ("607"/\$.ccls.) and electroporation | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 18:52 |
| S54 | 84 | ("607"/\$.ccls.) and (electroporation with (gene or genes or DNA or RNA)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 18:40 |
| S55 | 54 | S54 and (cardiac or heart) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 18:47 |
| S56 | 15 | S54 and (defibrillation or defibrillate or defibrillator) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 17:50 |
| S57 | 722 | gene and (defibrillation or defibrillate or defibrillator) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 17:50 |
| S58 | 6 | S57 and (gene with electromagnetic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:42 |
| S59 | 374 | S57 and (gene with (deliver or delivery or therapy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 11:13 |
| S60 | 307 | S59 and (pacing or paces or pace or pacemaker or "pace-maker") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 17:57 |

EAST Search History

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| S61 | 70 | ("3523807" "4146029" "4476868" "4540573" "4548736" "4556063" "4613665" "4733665" "4753635" "4800882" "4821723" "4886062" "4911717" "4944659" "5102417" "5131388" "5144949" "5158078" "5192297" "5199428" "5207218" "5298255" "5312453" "5314430" "5330507" "5342348" "5354316" "5372600" "5409009" "5411551" "5419760" "5429634" "5510077" "5545186" "5624411" "5651979" "5674722" "5702427" "5704910" "5711316" "5797870" "5800421" "5932460").PN. OR ("6206914"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 17:54 |
| S63 | 10 | S61 and (gene with (deliver or delivery or therapy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:41 |
| S64 | 16517 | ("closed loop" or "closed-loop" or "demand") with (gene or deliver or delivery or therapy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:52 |
| S65 | 55 | S60 and S64 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:38 |
| S66 | 61 | ("4164216" "4273114" "5026397" "5087243" "5236413" "5282785" "5289254" "5327887" "5386254" "5386837" "5387419" "5389837" "5415629" "5419763" "5445609" "5458568" "5499971" "5501662" "5634895" "5634899" "5779661" "5807306" "5865787" "6041252" "6057374" "6071305" "6086582" "6089582" "6292704" "6298268" "6949081").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:40 |
| S67 | 1041 | "drug delivery device".ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:40 |
| S68 | 18 | ("607"/\$.ccls.) and S67 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 18:51 |

EAST Search History

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| S69 | 3 | S66 and (gene with (deliver or delivery or therapy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:53 |
| S70 | 0 | S66 and (gene with electromagnetic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:42 |
| S71 | 1 | S66 and (gene with (cardiac or heart)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:46 |
| S72 | 2 | ("5087243").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 18:46 |
| S73 | 133 | ("4146029" "4711251" "4774951" "4784161" "4817608" "4819662").PN. OR ("5087243").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 18:46 |
| S74 | 11 | S73 and (gene with (deliver or delivery or therapy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:47 |
| S75 | 64 | ("2320462" "3978864" "4400178" "4639244" "4690130" "4801459" "4842598" "4906576" "4936317" "4970154" "5016615" "5019034" "5042975" "5087243" "5183456" "5236413" "5246437" "5273525" "5286254" "5290409" "5304120" "5318514" "5389069" "5439440").PN. OR ("5501662").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 18:47 |
| S76 | 36 | S75 and (gene with (deliver or delivery or therapy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:47 |
| S77 | 16 | S76 and (cardiac or heart) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/24 16:42 |
| S78 | 9 | ("607"/\$.ccls.) and (gene with sensor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/24 16:46 |

EAST Search History

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| S79 | 1169 | ("closed loop" or "closed-loop" or "demand") with gene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:59 |
| S80 | 0 | ("607"/\$.ccls.) and S79 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 18:52 |
| S81 | 1966 | ("607"/\$.ccls.) and (sensor with (delivery or deliver or therapy or administration)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 18:53 |
| S82 | 3038 | ("607"/\$.ccls.) and (sensor with control) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 18:53 |
| S83 | 1044 | S81 and S82 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 18:53 |
| S84 | 43 | S83 and (gene with (deliver or delivery or therapy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:57 |
| S85 | 6 | ((("6949081") or ("5445609") or ("5026397"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/23 18:57 |
| S86 | 32 | ("20020017299" "3449121" "4468222" "4474570" "4756706" "4825545" "4942883" "4972331" "5006108" "5013293" "5057318" "5061243" "5100380" "5119815" "5122974" "5187672" "5338157" "5386827" "5445609" "5464392" "5540665" "5553614" "5564417" "5681285" "5697896" "5733876" "5762918" "5782755" "5785688" "5807263" "5935099").PN. OR ("6949081").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/23 18:57 |
| S87 | 0 | S86 and (gene with (deliver or delivery or therapy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:59 |
| S88 | 3 | S86 and gene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:58 |

EAST Search History

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|-----|------|---|---|----|----|------------------|
| S89 | 100 | S83 and gene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 19:10 |
| S90 | 368 | ("closed loop" or "closed-loop" or "demand") with "drug delivery" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 18:59 |
| S91 | 64 | S90 and (gene with (deliver or delivery or therapy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 19:09 |
| S92 | 42 | girouard-steven-d.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 19:19 |
| S93 | 5 | S92 and (gene with (deliver or delivery or therapy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 19:19 |
| S94 | 0 | S92 and S90 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 19:10 |
| S95 | 7 | S92 and gene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 19:10 |
| S96 | 22 | ross-jeffrey.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 19:19 |
| S97 | 5 | S96 and (gene with (deliver or delivery or therapy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/23 19:20 |
| S98 | 1656 | altman.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 11:12 |

EAST Search History

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| S99 | 45 | S98 and (gene with (deliver or delivery or therapy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 12:20 |
| S10 0 | 14 | S99 and demand | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 12:20 |
| S10 1 | 58 | ("4296100" "4892538" "5002067" "5244460" "5283187" "5322064" "5324325" "5385148" "5405376" "5431649" "5447533" "5527344" "5531780" "5551427" "5661133" "5693622" "5698531" "5702384" "5704910" "5807395" "5840059" "6086582" "6102887" "6165188" "6238406" "6251079" "6358247" "6416510" "6547787").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 12:20 |
| S10 2 | 15 | S101 and (gene with (deliver or delivery or therapy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 12:23 |
| S10 3 | 20 | S101 and gene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 12:24 |
| S10 4 | 747 | gene with ("electromagnetic" or "electric field") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 16:41 |
| S10 5 | 234 | S104 and (cardiac or heart) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 13:28 |
| S10 6 | 49 | S105 and ("on demand" or "demand based" or "on-demand" or "demand-based" or "closed loop" or "closed-loop" or "feedback" or "feed-back") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 13:29 |
| S10 7 | 2 | ("20040030379").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/24 13:22 |

EAST Search History

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| S10 8 | 2 | "900601".apn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 13:24 |
| S10 9 | 2 | ("5,501,662").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/24 13:24 |
| S11 0 | 24 | S105 and (telemetry or wireless or "external programmer" or "external device" or antenna) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 13:28 |
| S11 1 | 15 | S104 and (gene with (ischemia or arrhythmia)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 13:29 |
| S11 2 | 1300 | (gene with (ischemia or arrhythmia)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 17:16 |
| S11 3 | 140 | S112 and ("on demand" or "demand based" or "on-demand" or "demand-based" or "closed loop" or "closed-loop" or "feedback" or "feed-back") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 13:30 |
| S11 4 | 13 | S112 and ("on demand" or "demand based" or "on-demand" or "demand-based" or "closed loop" or "closed-loop") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 16:43 |
| S11 5 | 1793 | (promoter or "transcriptional control element") with ("electromagnetic" or "electric field" or "transduction") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 16:44 |
| S11 6 | 1008 | S115 and (cardiac or heart) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/24 16:45 |
| S11 7 | 804 | S116 and implant\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/24 17:06 |

EAST Search History

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| S11 8 | 4 | S117 and ("on demand" or "demand based" or "on-demand" or "demand-based" or "closed loop" or "closed-loop") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 16:43 |
| S11 9 | 6 | S116 and ("on demand" or "demand based" or "on-demand" or "demand-based" or "closed loop" or "closed-loop") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 16:43 |
| S12 0 | 492 | S117 and sensor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 16:44 |
| S12 1 | 798 | S117 and gene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 16:46 |
| S12 2 | 492 | S121 and sensor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 16:44 |
| S12 3 | 110 | (promoter or "transcriptional control element") with ("electromagnetic" or "electric field") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 16:48 |
| S12 4 | 15 | S123 and (cardiac or heart) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/24 16:47 |
| S12 5 | 195 | ("607"/\$.ccls.) and transduction | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/24 16:46 |
| S12 6 | 71 | S125 and gene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 16:58 |
| S12 7 | 45 | S126 and (cardiac or heart) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/24 16:57 |
| S12 8 | 9658 | (transgenic or "stem cell" or vector or construct or macromolecule) with ("electromagnetic" or "electric field") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 16:49 |

EAST Search History

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|----------|------|--|---|----|-----|------------------|
| S12 9 | 323 | S128 and (cardiac or heart) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/24 16:57 |
| S13 0 | 111 | S129 and gene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 16:58 |
| S13 1 | 141 | S129 and (gene or genes or genetic or "gene therapy" or DNA or RNA or nucleic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 17:16 |
| S13 2 | 77 | S131 and implant\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/24 17:13 |
| S13 3 | 32 | S132 and sensor | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/24 17:13 |
| S13 4 | 839 | S128 and (gene or genes or genetic or "gene therapy" or DNA or RNA or nucleic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 17:16 |
| S13 5 | 1300 | (gene with (ischemia or arrhythmia)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 17:16 |
| S13 6 | 1 | S134 and S135 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 17:16 |
| S13 7 | 25 | S134 and (ischemia or arrhythmia) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 17:21 |
| S13 8 | 2 | ("20010000802").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/24 17:21 |

EAST Search History

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|----------|------|--|---|----|-----|------------------|
| S13 9 | 32 | ("3523807" "4146029" "4476868" "4540573" "4548736" "4556063" "4733665" "4753635" "4800882" "4821723" "4886062" "4911717" "4944659" "5102417" "5144949" "5158078" "5192297" "5199428" "5207218" "5312453" "5314430" "5330507" "5342348" "5354316" "5372600" "5409009" "5411551" "5419760" "5429634" "5510077" "6206914").PN. OR ("6824561"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/24 17:49 |
| S14 0 | 16 | ((("5,158,078") or ("5,312,453") or ("5, 144,949") or ("5,545,186") or ("5,354, 316") or ("5,314,430") or ("5,131, 388") or ("4,821,723"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/24 17:54 |
| S14 3 | 0 | S140 and CRT | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/24 17:54 |
| S14 4 | 4826 | (gene or genetic) and (vector with "open reading frame") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/19 19:33 |
| S14 5 | 2 | ("6824561").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/09/19 19:27 |
| S14 6 | 33 | ("3523807" "4146029" "4476868" "4540573" "4548736" "4556063" "4733665" "4753635" "4800882" "4821723" "4886062" "4911717" "4944659" "5102417" "5144949" "5158078" "5192297" "5199428" "5207218" "5312453" "5314430" "5330507" "5342348" "5354316" "5372600" "5409009" "5411551" "5419760" "5429634" "5510077" "6206914").PN. OR ("6824561"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/19 19:31 |
| S14 7 | 2 | ("5674722").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/09/19 19:31 |

EAST Search History

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|----------|------|--|---|----|----|------------------|
| S14 9 | 3283 | (gene or genetic) and ((vector with "open reading frame") same expression) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/19 19:33 |
| S15 0 | 5 | ("607"/\$.cls.) and S149 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:53 |
| S15 1 | 59 | "Serca2A" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:48 |
| S15 2 | 14 | "Serca2A" same vector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:52 |
| S15 3 | 506 | adrenergic same vector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:52 |
| S15 4 | 245 | adrenergic with vector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:54 |
| S15 5 | 159 | S154 and (cardiac or heart) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:52 |
| S15 6 | 1 | ("607"/\$.cls.) and S155 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:53 |
| S15 7 | 2943 | adrenergic with (cardiac or heart) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:57 |
| S15 8 | 40 | S155 and S157 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:55 |

EAST Search History

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| S15 9 | 40 | S155 and ("in vivo" or "in-vivo" or "invivo") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 10:01 |
| S16 0 | 34 | S155 and "cassette" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:56 |
| S16 1 | 15 | S159 and S160 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:56 |
| S16 2 | 86 | S157 and "expression cassette" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:57 |
| S16 3 | 86 | S157 and "expression cassette" and vector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 09:58 |
| S16 4 | 62 | S163 and ("in vivo" or "in-vivo" or "invivo") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 10:10 |
| S16 5 | 70 | ("20020110910" "20020147329" "20030060854" "20030105493" "20030144702" "20030144703" "20030148351" "20030216476" "20040158290" "20050137631" "20050192637" "20050288721" "5025786" "5103821" "5130141" "5486359" "5543318" "5580779" "5610172" "5855610" "5865787" "5873904" "6005009" "6083930" "6090622" "6096070" "6199554" "6245566" "6436672" "6468985" "6596745" "6610716" "6660737" "6666826" "7039462").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 10:09 |
| S16 6 | 6 | S165 and ("in vivo" or "in-vivo" or "invivo") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 10:55 |

EAST Search History

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| S16 7 | 1 | S165 and S153 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 10:13 |
| S16 8 | 3 | S165 and (vector same cassette) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 10:15 |
| S16 9 | 4 | S165 and "expression cassette" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/09/20 10:55 |
| S18 0 | 56442 | electroporat\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 16:20 |
| S18 1 | 17523 | S180 and implant\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 16:21 |
| S18 2 | 4689 | S180 and implant\$4 and sensor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 16:18 |
| S18 3 | 54522 | S180 and gene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 16:20 |
| S18 4 | 17008 | S183 and implant\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 16:19 |
| S18 5 | 6171 | electroporat\$ and ischemia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 16:21 |
| S18 6 | 5303 | electroporat\$ and ischemic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 16:20 |

EAST Search History

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| S18 7 | 3576 | S186 and implant\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 16:20 |
| S18 8 | 3512 | S187 and gene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 16:20 |
| S18 9 | 6373 | electroporat\$ and ischemi\$ and sens\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 16:21 |
| S19 0 | 1792 | S189 and (implant\$4 with (device or system)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 16:53 |
| S19 1 | 284 | ("607"/\$.ccls.) and electroporat\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 17:03 |
| S19 2 | 2 | ("5,498,238").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/04/21 17:06 |
| S19 3 | 2 | ("5,944,710").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/04/21 17:36 |
| S19 4 | 92 | ("20020035346" "20020161410" "200 20170553" "20030036773" "20030138 415" "20030153952" "20030167081" " 20030187396" "20030187490" "20040 208845" "20040215253" "2005001387 0" "20060134071" "20060134079" "20 060136027" "20060136028" "4677989 " "4938231" "5031621" "5109842" "5 347241" "5354264" "5423883" "55586 32" "5741319" "5849033" "6048722" " "6066094" "6112116" "6114164" "611 7296" "6152955" "6184030" "6185461 " "6330481" "6385491" "6388043" "6 463335" "6507756" "6571125" "65745 07" "6748653" "6965798" "6969382" " "6973346" "6976982").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/21 17:37 |